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Datasheet for ABIN6977347

## anti-YWHAB/YWHAZ antibody (pSer184, pSer186) (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	YWHAB/YWHAZ
Binding Specificity:	pSer184, pSer186
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YWHAB/YWHAZ antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthesised phosphopeptide derived from human 14-3-3 beta + zeta around the phosphorylation site of Ser186 / Ser184
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	YWHAB/YWHAZ
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## Target Details

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Alternative Name: 14-3-3 beta + zeta ([YWHAB/YWHAZ Products](#))

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Background: Synonyms: 14-3-3 beta + zeta (phospho S184 + S186), 14-3-3 beta + zeta (phospho S186), 14-3-3 beta + zeta (phospho Ser186), p-14-3-3 beta + zeta (Ser186) 14 3 3 protein beta, 14 3 3 protein beta/alpha, 14 3 3 protein zeta/delta, 14 3 3 zeta, HS1, KCIP1, YWHAB, YWHAZ.

Background: Members of the 14-3-3 family of proteins are highly conserved proteins, localized in neurons, and are axonally transported to the nerve terminals. They are also present, at lower levels, in various other eukaryotic tissues. 14-3-3 proteins appear to play important roles in a variety of signal transduction pathways, including those involved in cell cycle regulation and cell survival. Because 14-3-3 proteins bind to specific phosphoserine-containing sequences they are likely to have an important role in signaling pathways mediated by serine/threonine protein kinases. Evidence indicates 14-3-3 is required for Raf 1 kinase activity and phosphorylation among many other functions.

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Gene ID: 7529

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UniProt: [P31946](#)

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## Application Details

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Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months